

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

1999
Year of Revision

Anadromous Water Catalog Volume Interior

USGS Quad Livengood (D-6) Tanana (D-1) Bettles (A-1)

Name of Waterway Ray River

Anadromous Water Catalog Number of Waterway _____

334-40-11000-2685

Change to _____ Atlas

_____ Catalog

X Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name X

Local name _____

ALASKA DEPT. OF
FISH & GAME

OCT 27 1999

REGION II
HABITAT AND RESTORATION
DIVISION

[Signature] all LIT
For Office Use

Nomination #	<u>99 238</u>
<i>[Signature]</i> Regional Supervisor	<u>10-15-99</u> Date
<i>[Signature]</i> Drafted	<u>11/2/99</u> Date
<i>[Signature]</i> Drafted	<u>2/1/00</u> Date

Species	Date(s) Observed	Spawning	Carcass Post Spawning Rearing	Migration
Chum Salmon	July 29-30-31 1997	X	X	X
Chinook Salmon	July 30-31 1997	X		X

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

See Attached for survey details.

Fish observed by Karlen, Kretsinger, Parker (BLM)

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Robert R. Karlen

Date: 3/30/98 Signature: Robert R. Karlen

Address: Bureau of Land Management

1150 University Avenue Fairbanks, AK 99709

Signature of Area Biologist: Robert F. McLean

Ray River

FISHERIES POPULATION ASSESSMENT DATA FORM

LOCATION: Ray River

TRIBUTARY of: Yukon River

DATE: 7/29/97

SPECIES	Length	LOCATION	METHODOLOGY
Chum Salmon	609 mm	65° 59.87'N; 150° 20.31' W	Observed on helicopter flight. Carcass-male Length-mid eye to fork of tail

DATE: 7/30/97

SPECIES	Length	LOCATION	METHODOLOGY
Chum Salmon	None recorded	65° 58.894'N; 150° 23.269' W	Observed from raft. On redd (4' X 5').
Chinook Salmon	None recorded	65° 59.079'N; 150° 23.021' W	Observed from raft.
Chum Salmon (3)	None recorded	65° 59.736'N; 150° 22.014' W	Observed from raft.
Chinook Salmon	None recorded	65° 59.773'N; 150° 20.915' W	Observed from raft. Swimming upstream.
Chinook Salmon (4)	None recorded	65° 59.965'N; 150° 20.936' W	Observed from bank. 1 redd with 2 males fighting for the attention of the female. 4th fish on periphery.

DATE: 7/31/97

SPECIES	Length	LOCATION	METHODOLOGY
Chum Salmon (2)	None recorded	66° 01.696'N; 150° 11.036' W	Observed from raft in tail-out. 4 redds in vicinity of chums.
Chinook Salmon (2)	None recorded	66° 01.307'N; 150° 10.249' W	Observed from raft in tail-out.



10' R. 12 W. 150° 00' 66° 00' N. 7324000m N. 635000m E. INTERIOR GEOLOGICAL SURVEY, RESTON, VIRGINIA - 1977

SCALE 1:63360

1 0 1 2 3 4 MILES

3000 0 3000 6000 9000 12000 15000 18000 21000 FEET

1 5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 50 FEET
DOTTED LINES REPRESENT 25 FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

TRUE NORTH
MAGNETIC NORTH
27 1/2°
MAGNETIC MEAN
VARIATION, 1975

ALASKA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Light-duty ————— Unimproved dirt =====

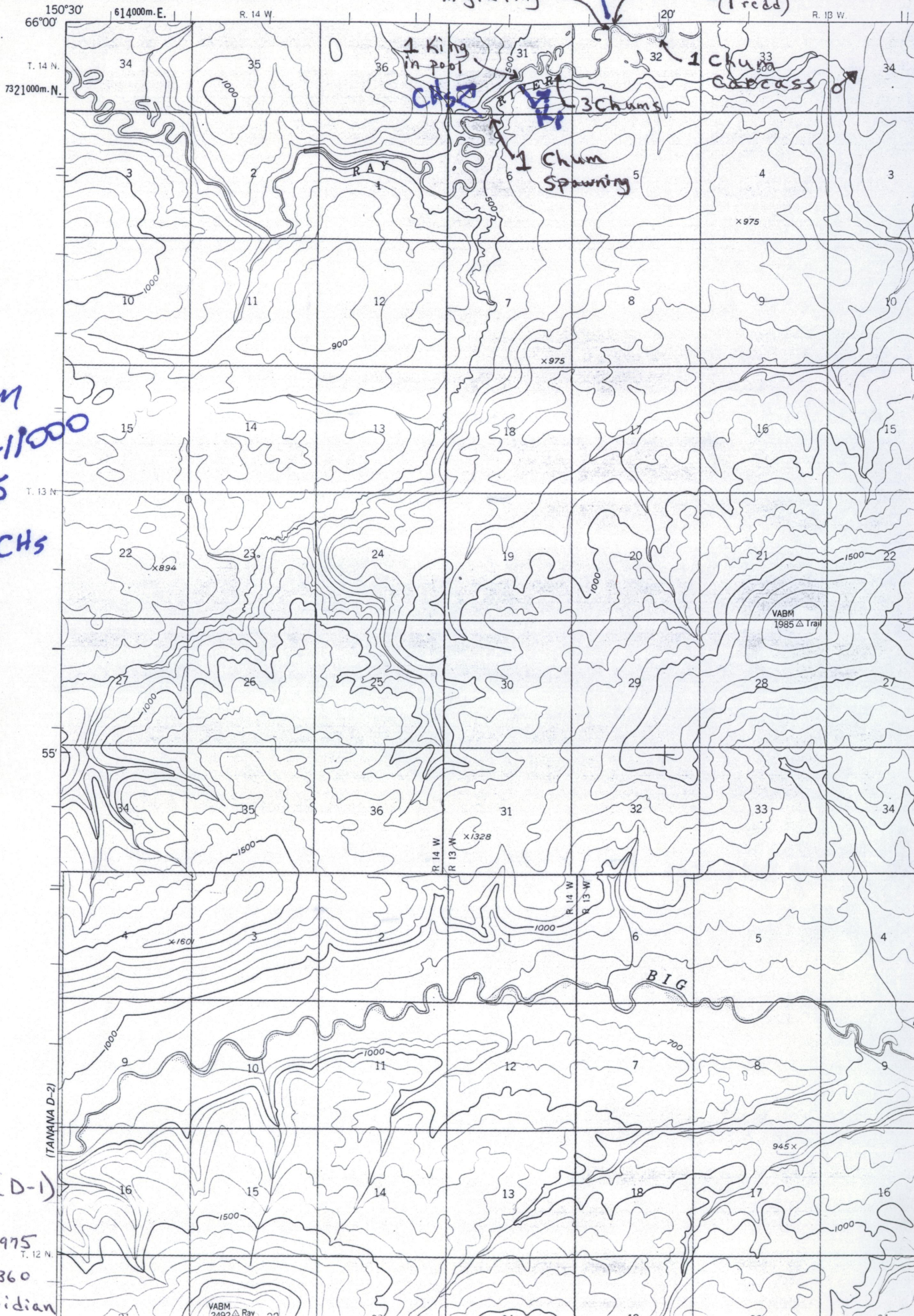
FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

BETTLES (A-1), ALASKA
N6600-W15000/15 X 30

1970

(BETTES A-2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



ADD
STREAM
334-40-11000
-2685
w/ Ks CHs
Kp

Tanana (D-1)

1956

Photorevised 1975

Scale 1:63 360

Fairbanks Meridian